

Form PTO-1449

INFORMATION DISCLOSURE CITATION

INFORMATION APPLICATION
(Use several sheets if necessary)

FEB 28 2002

Docket Number (Optional)
SUW-009.01 (22135-901)

Application Number
09/824,536

Applicant
Atalar et al.

Filing Date
April 2, 2001

Group Art Unit
2737

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	TRADE DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
OK	AA 4,430,076	02/07/84	Harris	604	96	02/04/82
	AB 5,699,801	12/23/97	Atalar, et al.	128	653.2	06/01/95
	AC 4,431,005	02/14/84	McCormick	128	656	05/07/81
	AD 4,445,501	05/01/84	Bresler	128	1.5	05/07/81
	AE 4,572,198	02/25/86	Codrington	128	653	06/18/84
	AF 4,643,186	02/17/87	Rosen et al.	128	303.1	10/30/85
	AG 4,672,972	06/16/87	Berke	128	653	09/10/86
	AH 4,766,381	08/23/88	Conturo et al.	324	309	08/12/87
	AI 4,776,341	10/11/88	Bachus et al.	128	653	02/24/87
	AJ 4,791,372	12/13/88	Kirk et al.	324	318	08/17/87
	AK 4,793,356	12/27/88	Misic et al.	128	653	08/14/85
	AL 4,813,429	03/29/89	Eshel et al.	128	736	05/05/87
	AM 4,823,812	04/25/89	Eshel et al.	128	804	05/05/87
	AN 4,897,604	1/1990	Carlson et al.	324	318	2/21/89
	AO 4,858,613	08/22/89	Fry et al.	128	660.03	03/02/88
	AP 4,922,204	05/01/90	Duerr et al.	324	322	03/29/89
	AQ 4,960,106	10/02/90	Kubokawa	128	6	04/27/88
	AR 5,019,075	05/28/91	Spears et al.	606	7	07/31/90
	AS 5,035,231	07/30/91	Kubokawa et al.	128	6	04/25/88
	AT 5,090,959	02/25/92	Samson et al.	604	96	09/13/90
	AU 5,095,911	03/17/92	Pomeranz	128	662.06	05/18/90
	AV 5,099,208	03/24/92	Fitzpatrick et al.	324	312	10/05/89
	AX 5,167,233	12/01/92	Eberle et al.	128	662.06	01/07/91
	AY 5,190,046	03/02/93	Shturman	128	662.06	05/01/92
	AZ 5,211,165	05/18/93	Dumoulin et al.	128	653.1	09/03/91
	BA 5,217,010	06/08/93	Tsitlik et al.	128	419 PG	05/28/91
pu	BB 5,260,658	11/09/93	Ofeim et al.	324	322	12/05/91

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EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DLA	5,270,485	12/14/93	Jacobsen	174	15.1	4/21/92
	5,271,400	12/21/93	Dumoulin et al.	128	653.2	04/01/92
	5,293,872	03/15/94	Alfano et al.	128	664	04/03/91
	5,294,886	03/15/94	Duerr	324	318	04/22/92
	5,307,808	05/03/94	Dumoulin et al.	128	653.2	04/01/92
	5,318,025	06/07/94	Dumoulin et al.	128	653.200	04/01/92
	5,323,778	06/28/94	Kandarpa et al.	128	653.2	11/05/91
	5,348,010	09/20/94	Schnall et al.	128	653.2	09/24/92
	5,352,979	10/04/94	Conturo	324	307	08/07/92
	5,358,515	10/25/94	Hürter et al.	607	101	08/16/90
	5,370,644	12/06/94	Langberg	606	33	07/16/93
	5,372,138	12/13/94	Crowley et al.	128	662.06	12/09/92
	5,375,596	12/27/94	Twiss et al.	128	653.1	09/29/92
	5,400,787	03/28/95	Marandos	128	653.5	11/24/93
	5,419,325	05/30/95	Dumoulin et al.	128	653.2	06/23/94
	5,421,338	06/06/95	Crowley et al.	128	662.06	06/03/94
	5,429,132	07/04/95	Guy et al.	128	653.1	08/23/91
	5,435,302	7/25/95	Lenkinski, et al.	600	422	09/22/93
	5,437,277	08/01/95	Dumoulin et al.	128	653.1	02/14/94
	5,439,000	08/08/95	Gunderson et al.	128	664	11/18/93
	5,443,066	08/22/95	Dumoulin et al.	128	653.1	09/02/94
	5,443,489	08/22/95	Ben-Haim	607	115	09/23/94
	5,447,156	09/05/95	Dumoulin et al.	128	653.2	04/04/94
	5,451,774	09/19/95	Jacobsen	250	227.24	06/09/94
	5,462,055	10/31/95	Casey et al.	128	653.5	08/23/94
	5,498,261	03/12/96	Strul	606	29	12/20/91
	5,507,743	04/16/96	Edwards et al.	606	41	08/16/94
DLA	5,512,825	04/30/96	Atalar et al.	324	309	11/25/94

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DL	5,520,644	05/28/96	Imran	604		07/01/93
	5,524,630	06/11/96	Crowley	128	662.06	05/17/95
	5,540,679	07/30/96	Fram et al.	606	27	07/01/94
	5,558,093	09/24/96	Pomeranz	128	660.03	03/02/95
	5,578,008	11/26/96	Hara	604	96	10/14/93
	5,588,432	12/31/96	Crowley	128	660.03	07/10/95
	5,598,097	01/28/97	Scholes et al.	324	316	07/22/94
	5,609,606	03/11/97	O'Boyle	606	194	06/07/95
	5,611,807	03/18/97	O'Boyle	606	169	06/07/95
	5,623,241	04/22/97	Minkoff	335	296	04/17/95
	5,660,180	08/26/97	Malinowski et al.	128	660.03	05/28/96
	5,682,897	11/04/97	Pomeranz	128	662.06	09/12/96
	5,715,825	02/10/98	Crowley	128	602.06	06/10/96
	5,728,079	03/17/98	Weber et al.	604	280	09/19/95
	5,738,632	04/14/98	Karasawa	600	410	03/16/95
	5,775,338	07/07/98	Hastings	128	898	01/10/97
	5,792,055	08/11/98	McKinnon	600	410	11/19/96
	5,833,632	11/10/98	Jacobsen et al.	600	585	10/11/96
	5,840,031	11/24/98	Crowley	600	440	06/07/95
	5,868,674	02/09/99	Glowinski et al.	600	410	11/22/96
	5,916,162	06/29/99	Snelten et al.	600	411	08/18/97
	5,928,145	07/27/99	Ocali et al.	600	410	04/25/96
	5,938,609	08/17/99	Pomeranz	600	439	08/01/97
	5,938,692	08/17/99	Rudie	607	101	03/26/96
	5,964,705	10/12/99	Truwit et al.	600	423	08/22/97
	5,968,052	10/19/99	Sullivan, III et al.	606	108	11/27/96
	6,004,269	12/21/99	Crowley et al.	600	439	06/07/95
DL	6,011,995	01/04/00	Guglielmi et al.	607	99	12/29/97

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EXAMINER INITIALS	TRADEMARK	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DL	DG	6,026,316	02/15/00	Kucharczyk et al.	600	420	05/15/97
	DH	6,031,375	02/29/00	Atalar et al.	324	307	11/26/96
	DI	6,032,078	02/29/00	Rudie	607	101	10/22/97
	DJ	6,051,974	04/18/00	Reisker et al.	324	318	11/26/97
	DK	6,104,943	08/15/00	Frederick et al.	600	410	11/14/97
	DL	6,019,737	02/01/00	Murata	600	585	03/31/98
	DM	6,058,323	05/02/00	Lemelson	600	408	08/20/97
	DN	6,061,587	05/09/00	Kurcharczyk et al.	600	411	05/15/97
	DO	6,171,240	01/09/00	Young et al	600	410	12/05/97
	DP	5,211,166	05/18/93	Sepponen	128	653.5	10/09/91
	DQ	3,342,175	09/19/67	Bulloch	128	2	11/23/64
	DR	5,411,476	05/02/95	Abrams et al.	604	95	06/02/93
	DS	6,078,831	06/20/00	Belef et al.	600	424	09/29/97
DL	DT	5,647,361	07/15/97	Damadian	128	683.2	03/01/93

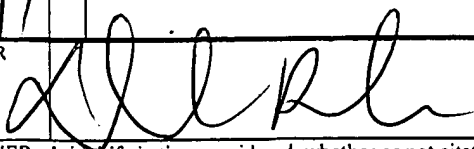

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
DL	DU	EP 0 659 385 A1	06/28/95	European Patent Application			X
DL	DV	EP 0 908 739 A2	04/14/99	European Patent Application			X

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(Including Author, Title, Date, Pertinent Pages Etc.)

DL	DW	Atalar et al.; "High Resolution Intravascular MRI and MRS by Using a Catheter Receiver Coil"; Magnetic Resonance in Medicine, 36: 596-605, (1996)
	DX	Partial International Search Report mailed on November 01, 2001
	DY	KANTOR ET AL., <i>In vivo</i> ³¹ P Nuclear Magnetic Resonance Measurements in Canine Heart Using a Catheter-Coil, Circulation Research, Aug. 1984, pp. 261-266, Vol. 55, No. 2 (USA).
	DZ	MERICKEL ET AL., <i>Identification and 3-d Quantification of Atherosclerosis using Magnetic Resonance Imaging</i> , Comput. Biol. Med., 1988, pp. 89-102, Vol. 18, (Great Britain).
DL	EA	MAYNOR ET AL., <i>Chemical Shift Imaging of Atherosclerosis at 7.0 Tesla</i> , Investigative Radiology, January 1989, pp. 52-60, Vol. 24, No. 1.

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EB	MOHIADDIN ET AL., <i>Chemical Shift Magnetic Resonance Imaging of Human Atheroma</i> , Br. Heart J., 1989, pp. 81-89, Vol. 62 (England).				
EC	ASDENTE ET AL., <i>Evaluation of Atherosclerotic Lesions Using NMR Microimaging</i> , Atherosclerosis, 1990, pp. 243-253 Vol. 80 (Italy).				
ED	VINITSKI ET AL., <i>Magnetic Resonance Chemical Shift Imaging and Spectroscopy of Atherosclerotic Plaque</i> , Investigative Radiology, August 1991, pp. 703-714, Vol. 26.				
EE	PEARLMAN ET AL., <i>Nuclear Magnetic Resonance Microscopy of Atheroma in Human Coronary Arteries</i> , Angiology, September 1991, pp. 726-733, Vol 42 (USA).				
EF	MARTIN ET AL., <i>MR Imaging of Blood Vessel with an Intravascular Coil</i> , J. Magn. Reson. Imaging, 1992, pp. 421-429, Vol. 2.				
EG	WALLER ET AL., <i>Intravascular Ultrasound: A Histological Study of Vessel During Life</i> , Circulation, June 1992, pp. 2305-2310, Vol. 85.				
EH	HURST ET AL., <i>Intravascular (Catheter) NMR Receiver Probe: Preliminary Design Analysis and Application to Canine Iliofemoral Imaging</i> , Magn. Resonance in Medicine, Apr. 1992, pp. 343-357, Vol. 24.				
EI	DUMOULIN ET AL., <i>Real-Time Position Monitoring of Invasive Devices Using Magnetic Resonance</i> , Magnetic Resonance in Medicine, Mar. 1993, pp. 411-415, Vol. 29.				
EJ	KOECHLI ET AL., <i>Catheters and Guide Wires for Use in an Echo-Planar MR Fluoroscopy System</i> , R. 79th Scientific Meeting, editor, Radiology, Nov. 1993, p. 319, Vol. 189(P).				
EK	MCDONALD ET AL., <i>Performance Comparison of Several Coil Geometries for Use in Catheters (Abstract)</i> , R. 79th Scientific Meeting, editor, Radiology, Nov. 1993, p. 319, Vol. 189(P).				
EL	MERICKEL ET AL., <i>Noninvasive Quantitative Evaluation of Atherosclerosis Using MRI and Image Analysis</i> , Arteriosclerosis and Thrombosis, 1993, pp. 1180-1186, Vol. 13.				
EM	SPEARS ET AL., <i>In Vivo Coronary Angioscopy</i> , Journal of the American College of Cardiology, May 1993, pp. 1311-1314, Vol. 1 (USA).				
EN	YUAN ET AL., <i>Techniques for High-Resolution MR Imaging of Atherosclerotic Plaque</i> , J. Magnetic Resonance Imaging, 1994, pp. 43-49, Vol. 4, No. 1.				
EO	MARTIN ET AL., <i>Intravascular MR Imaging in a Porcine Animal Model</i> , Magn. Resonance in Medicine, Aug. 1994, pp. 224-229, Vol. 32.				
EXAMINER		DATE CONSIDERED			
					
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.					